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(54) Title: VEGF PEPTIDES AND THEIR USE

(57) Abstract: A novel peptide having the amino acid sequence SCKNTDSRCKARQLELNERTCRCDKPRR or a fragment thereof
that substantially retains NP-1 antagonist activity, in cyclic form, is proposed for use in therapy.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>HAIYAN JIA ET AL: "PEPTIDES ENCODED BY EXON 6 OF VEGF INHIBIT ENDOTHELIAL CELL BIOLOGICAL RESPONSES AND ANGIOGENESIS INDUCED BY VEGF" <i>BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS</i>, ACADEMIC PRESS INC. ORLANDO, FL, US, vol. 283, no. 1, 2001, pages 164-173, XP002941058 ISSN: 0006-291X</p> <p>---</p> <p style="text-align: center;">-/-</p>	

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>SOKER S ET AL: "Characterization of novel Vascular Endothelial Growth Factor (VEGF) Receptors on tumor cells that bind VEGF165 via its exon 7-encoded domain" JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD, US, vol. 271, no. 10, 8 March 1996 (1996-03-08), pages 5761-5767, XP002097905 ISSN: 0021-9258 cited in the application</p> <p>---</p>	
A	<p>WO 99 29861 A (KLAGSBURN MICHAEL ;SOKER SHAY (US); CHILDRENS MEDICAL CENTER (US)) 17 June 1999 (1999-06-17) see the whole document</p> <p>---</p>	
A	<p>SOKER S ET AL: "Inhibition of Vascular Endothelial Growth Factor (VEGF)-induced endothelial cell proliferation by a peptide corresponding to the exon7-encoded domain of VEGF165" JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD, US, vol. 272, no. 50, 12 December 1997 (1997-12-12), pages 31582-31588, XP002098056 ISSN: 0021-9258 cited in the application see especially page 31585, left column</p> <p>---</p>	
A	<p>WO 93 08473 A (BETH ISRAEL HOSPITAL) 29 April 1993 (1993-04-29) see sequence of Claim 8: it is 100% identical with the claimed peptide from position 10 to 29</p> <p>---</p>	
P,A	<p>BAINBRIDGE JAMES W B ET AL: "A peptide encoded by exon 6 of VEGF (EG3306) inhibits VEGF-induced angiogenesis in vitro and ischaemic retinal neovascularisation in vivo." BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol. 302, no. 4, 21 March 2003 (2003-03-21), pages 793-799, XP002245130 ISSN: 0006-291X</p> <p>---</p>	

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